Fig.1

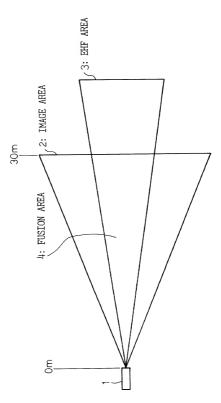


Fig.2

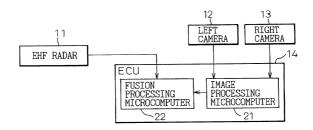
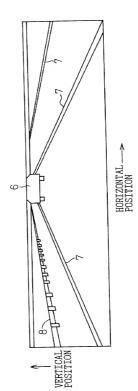
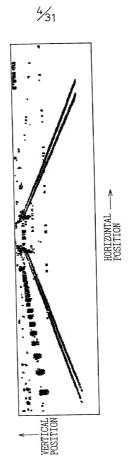


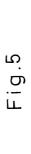
Fig.3

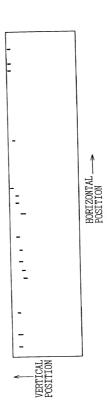


<sup>3</sup>/<sub>31</sub>

Fig.4







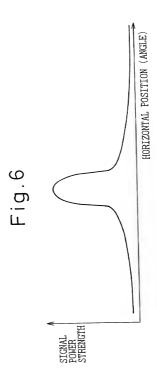


Fig.7

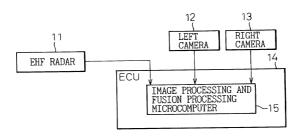
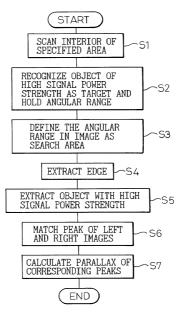
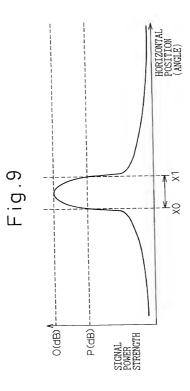
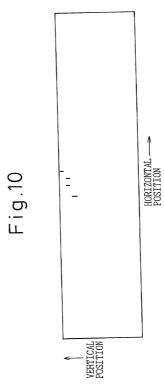


Fig.8



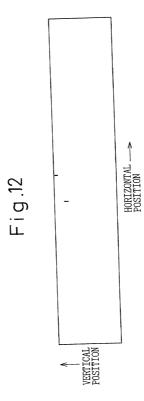




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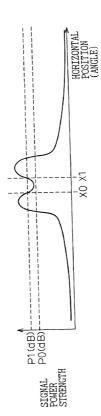
-----Fig.11 P1 (dB) P0 (dB) SIGNAL POWER STRENGTH

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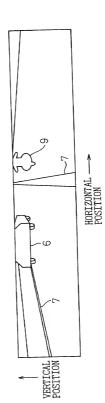
12/31

Fig.13



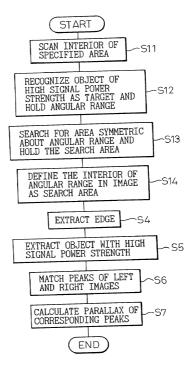
13/<sub>31</sub>

Fig.14



<sup>14</sup>/31

## Fig.15



16/<sub>31</sub>

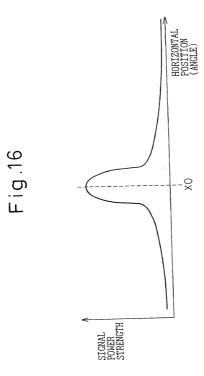
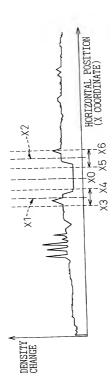
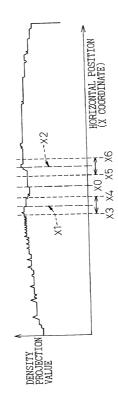


Fig.17



<sup>17</sup>/<sub>31</sub>

Fig.18



18/<sub>31</sub>

Fig.19

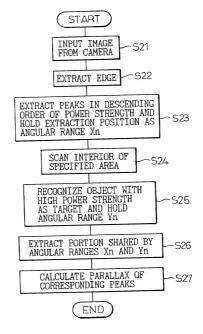
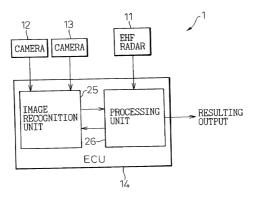
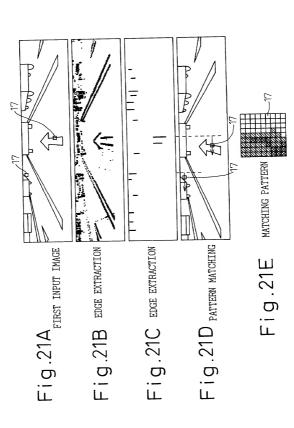


Fig.20





<sup>21</sup>/31

Fig.22

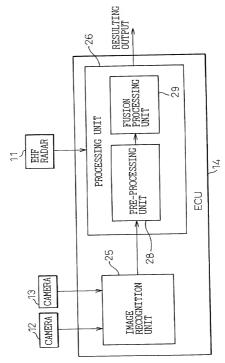


Fig.23

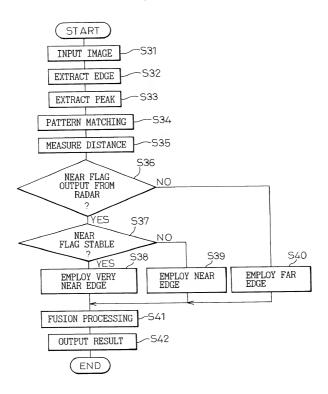
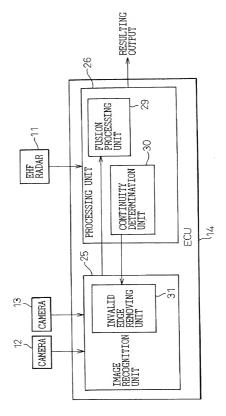


Fig.24



<sup>24</sup>/<sub>31</sub>

25/31

Fig.25

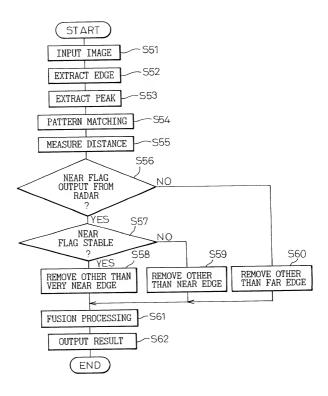


Fig.26

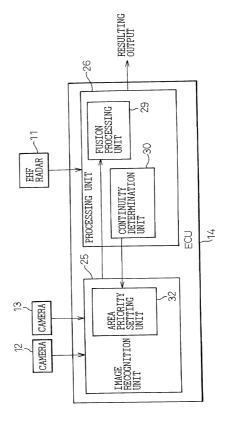


Fig.27

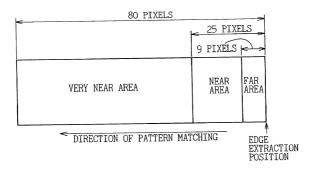
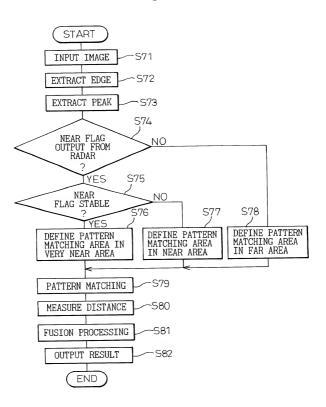


Fig.28



RESULTING -26 29 FUSION PROCESSING UNIT PROCESSING UNIT EHF RADAR Fig.29 34 INVALID EDGE REMOVING UNIT 77 ECU -33 -25 IMAGE ROAD SURFACE RECOGNITION DETERMINATION UNIT CAMERA CAMERA

<sup>29</sup>⁄31

<sup>30</sup>⁄<sub>31</sub>

Fig.30

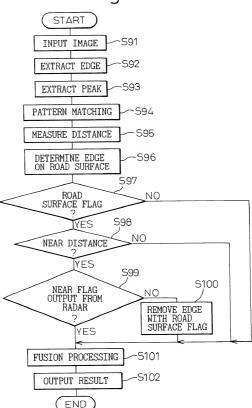




Fig.31

